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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission 52

Application Number 10/624,068

Filing Date July 21, 2003

First Named Inventor Willem Leendert REPKO

Art Unit 2661

Examiner Name

Attorney Docket Number 23341

### ENCLOSURES (Check all that apply)

- |   |   |   |
|---|---|---|
| <input type="checkbox"/> Fee Transmittal Form                             | <input type="checkbox"/> Drawing(s)                                       | <input type="checkbox"/> After Allowance Communication to TC                            |
| <input type="checkbox"/> Fee Attached                                     | <input type="checkbox"/> Licensing-related Papers                         | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences     |
| <input type="checkbox"/> Amendment/Reply                                  | <input type="checkbox"/> Petition   | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final                                      | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information  |
| <input type="checkbox"/> Affidavits/declaration(s)                        | <input type="checkbox"/> Power of Attorney, Revocation                    | <input type="checkbox"/> Status Letter  |
| <input type="checkbox"/> Extension of Time Request                        | <input type="checkbox"/> Change of Correspondence Address                 | <input type="checkbox"/> Other Enclosure(s) (please identify below):                    |
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| <input checked="" type="checkbox"/> Information Disclosure Statement      | <input type="checkbox"/> Request for Refund                               |   |
| <input type="checkbox"/> Certified Copy of Priority Document(s)           | <input type="checkbox"/> CD, Number of CD(s) _____                        |   |
| <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application   | <input type="checkbox"/> Landscape Table on CD                            |   |
| <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 |   |   |

Remarks

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name Laubscher & Laubscher, P.C.

Signature

Printed name Lawrence E. Laubscher, Jr.

Date May 12, 2006

Reg. No. 28,233

### CERTIFICATE OF TRANSMISSION/MAILING

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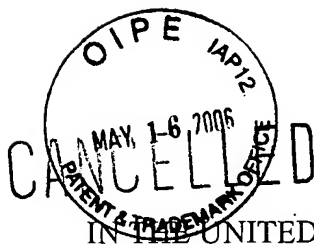
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Typed or printed name Shelly Hubbard

Date May 12, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Willem L. REPKO et al.

Group Art Unit: 2661

Application No. 10/624,068

Filed: July 21, 2003

For: METHOD TO IMPROVE THE RESOLUTION OF TIME MEASUREMENTS AND  
ALIGNMENT IN PACKET NETWORKS BY TIME MODULATION

**FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

*(SUBMISSION AFTER FILING OF AN APPLICATION BUT  
BEFORE FINAL REJECTION OR NOTICE OF ALLOWANCE)*

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

II. COPIES

- X Submitted herewith is a legible copy of (i) each U.S. and foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.

III. CONCISE EXPLANATION OF THE RELEVANCE

*(check at least one box)*

- a. X Except as may be indicated below in (b), all of the patents, publications or other information are in the English language or were cited in an English language Search Report, a copy of which is attached hereto (concise explanation not required).
- b.     A concise explanation of the relevance of all patents, publications or other information listed that is not in the English language is as follows:
- c.     The following additional information is provided for the Examiner's consideration.

IV. ☒ THIS IDS IS BEING FILED UNDER 37 CFR § 1.97(b):  
(check one box)

- a. ☐ within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d) (37 CFR § 1.97(b)(1)). No fee or certification is required.
- b. ☐ within three months of the date of entry of the national stage as set forth in § 1.491 in an international application (37 CFR § 1.97(b)(2)). No fee or certification is required.
- c. ☒ before the mailing of a first Office action on the merits (37 CFR § 1.97(b)(3)). No fee or certification is required. In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 CFR § 1.97(c) and see the certification under 37 CFR § 1.97(e) below, or, if no certification has been made, charge our deposit account a fee in the amount of \$180 as required by 37 CFR § 1.17(p).
- d. ☐ before the mailing of a first Office action after the filing of a request for continued examination under § 1.114 (37 CFR § 1.97(b)(4)). No fee or certification is required.

V. ☐ THIS IDS IS BEING FILED UNDER 37 CFR § 1.97(c):  
(check one box)

before the mailing date of a final action under § 1.113, a notice of allowance under § 1.311, or an action that otherwise closes prosecution in the application.

- a. ☐ No certification; therefore, a fee in the amount of \$180 is required by 37 CFR § 1.17(p);  
or
- b. ☐ See the certificate below. No fee is required.

VI. ☐ THIS IDS IS BEING FILED UNDER 37 CFR § 1.97(d):  
(check one box)

after the mailing date of a final action under § 1.113, a notice of allowance under § 1.311, or an action that otherwise closes prosecution in the application, and is filed on or before payment of the issue fee and is accompanied by:

- a. ☐ The statement specified in paragraph 1.97(e); and
- b. ☐ The fee set forth in § 1.17(p).

VII. STATEMENT UNDER 37 CFR § 1.97(e): (check only one box)

The undersigned hereby states that

- a. ☒ each item of information contained in the IDS was first cited in any communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS; or

- b. ☐ no item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the IDS was known to any individual designated in 37 CFR § 1.56(c) more than three months prior to the filing of this statement.

VIII. PAYMENT OF FEES (check one box)

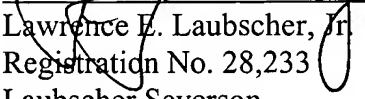
- ☐ A check in the amount of \$180 is enclosed for the above-identified fee.
- ☐ Please charge Deposit Account No. 50-1936 in the amount of \$180 for the above-indicated fee. This paper is filed in duplicate.
- ☒ No fee is required.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition if necessary) and charge the appropriate fee to Deposit Account No. 50-1936.

Please charge any additional fees or credit any overpayment pursuant to 37 CFR § 1.16 or 1.17 to Deposit Account No. 50-1936.

Respectfully submitted,

May 12, 2006

  
Lawrence E. Laubscher, Jr.  
Registration No. 28,233  
Laubscher Severson  
1160 Spa Road, Suite 2B  
Annapolis, Maryland 21403  
Telephone: (410) 280-6608

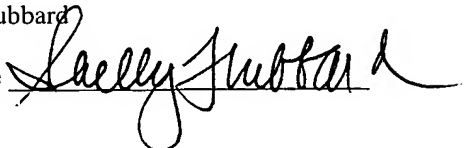
Enclosures: ☒ PTO-1449  
☒ References  
☐ Foreign Search Report  
☐ Fee  
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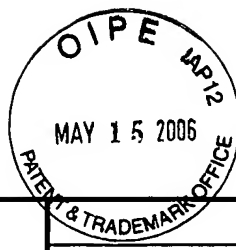
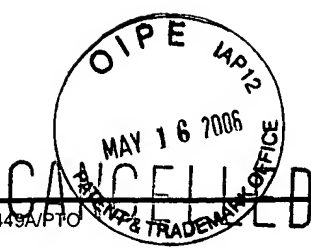
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Shelly Hubbard

Signature





Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete If Known

Application Number	10/624,068
Filing Date	July 21, 2003
First Named Inventor	Willem L. REPKO
Group Art Unit	2661
Examiner Name	
Attorney Docket No.	23341

Sheet 1 of 1

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document No.	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figs. Appear

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>
		Office <sup>2</sup>	Number <sup>3</sup>				
		EP	0537689 B1	Sumitomo Wiring Systems, Ltd.	01/05/2000		
		WO	98/05139	Robert Bosch GMBH	02/05/1992		

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>4</sup>

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup>Applicant is to place a check mark here if English language translation is attached.